

FORMATION OF UNDERLYING FILM / AMORPHOUS SEMICONDUCTOR FILM

Fig. 1(A)

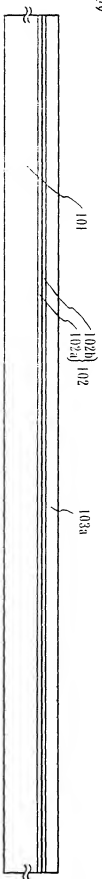


Fig. 1(B) CRYSTALLIZATION STEP

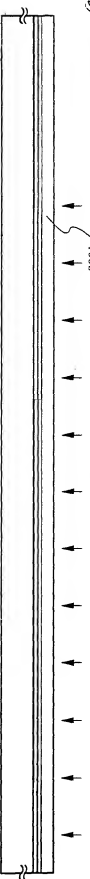


Fig. 1(C) FORMATION OF ISLAND SHAPE SEMICONDUCTOR LAYER / GATE INSULATION FILM

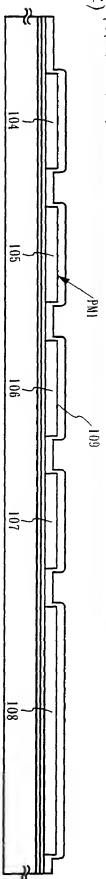
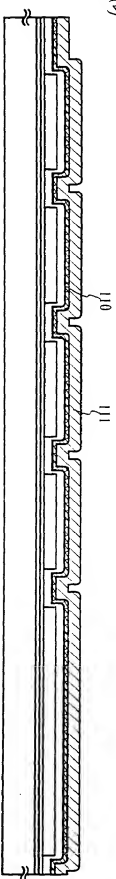


Fig. 1(D) FORMATION OF HEAT-RESISTANT CONDUCTOR LAYER



FORMATION OF GATE ELECTRODE

Fig. 2(A)

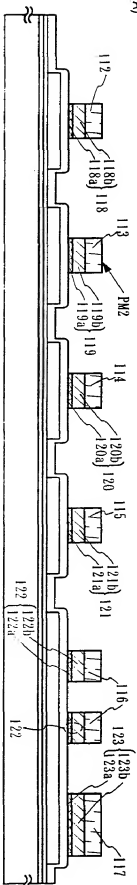


Fig. 2(B)

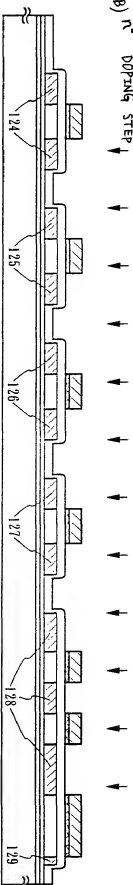


Fig. 2(C)

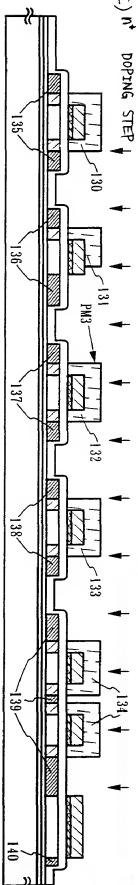


Fig. 2(D)

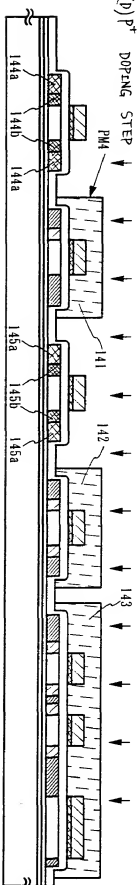


Fig. 3(A) FORMATION OF PROTECTIVE INSULATION FILM

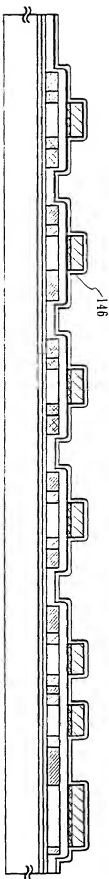


Fig. 3(B) ACTIVATION STEP

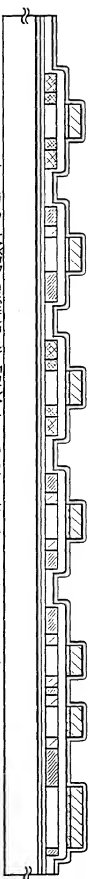


Fig. 3(C) FORMATION OF RESIN INTER-LAYER INSULATION FILM / PERFORATION OF CONTACT HOLE / FORMATION OF LEAD WIRE AND PIXEL ELECTRODE

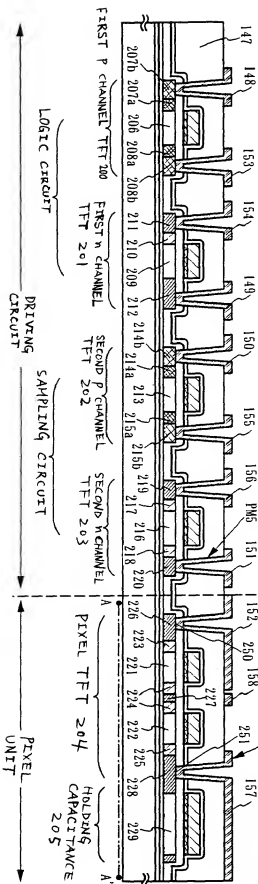


Fig. 4(A) n^- DOPING STEP

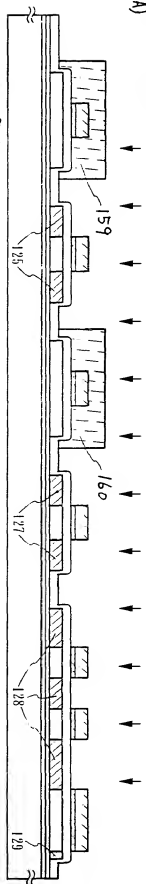


Fig. 4(B) n^+ DOPING STEP

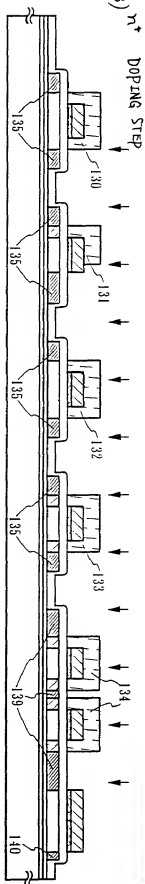


Fig. 4(C) P^+ DOPING STEP

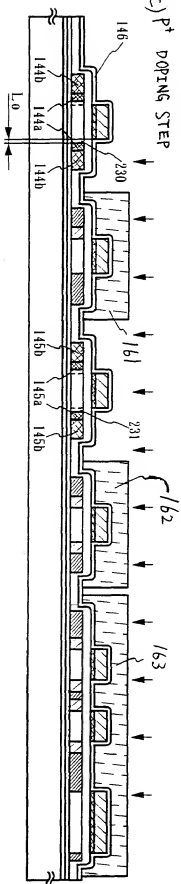


Fig. 5(A) ACTIVATION STEP

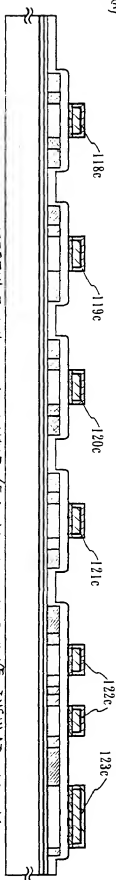


Fig. 5(B) FORMATION OF LOW RESISTANCE CONDUCTIVE LAYER/FORMATION OF PROTECTIVE INSULATING FILM

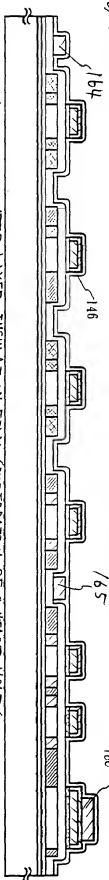
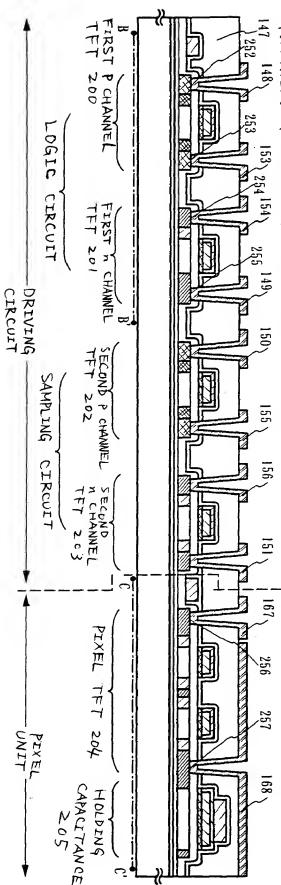


Fig. 5(C) FORMATION OF RESIN INTER-LAYER INSULATION FILM/PERFORATION OF CONTACT HOLE/FORMATION OF LEAD WIRE AND PIXEL ELECTRODE



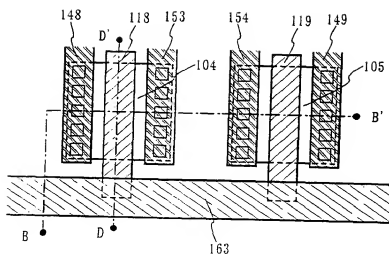


Fig. 6(A)

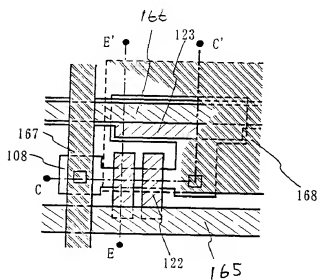


Fig. 6(B)

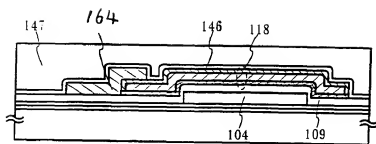


Fig. 7(A)

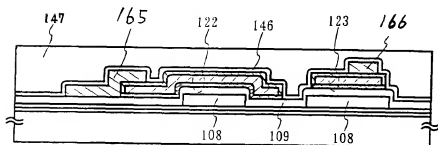


Fig. 7(B)

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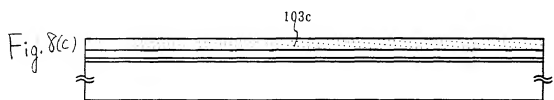
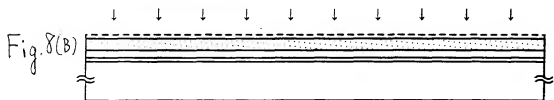
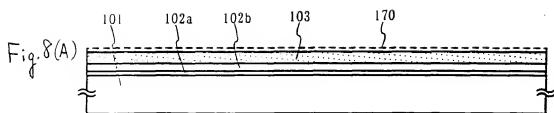
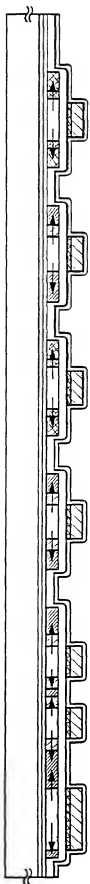


Fig. 9

ACTIVATION



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Fig. 10A

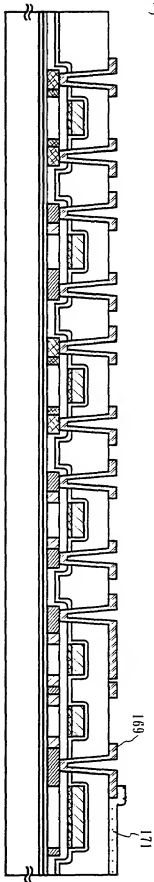


Fig. 10B

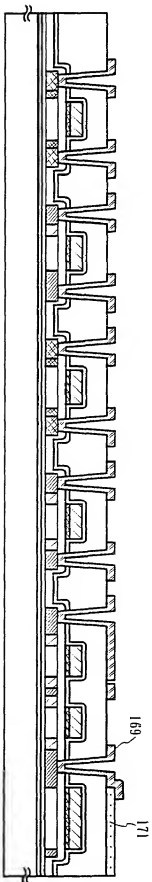


Fig. 11(A) FORMATION OF ORIENTATION FILM / FORMATION OF SPACER / RUBBING TREATMENT

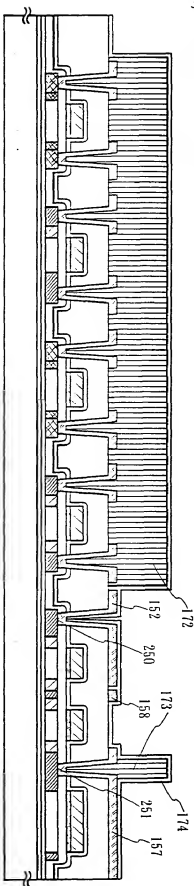


Fig. 11(B) BONDING OF OPPOSED SUBSTRATE

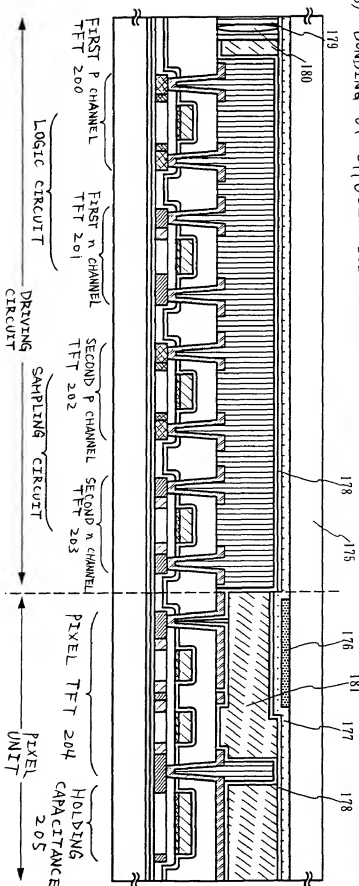
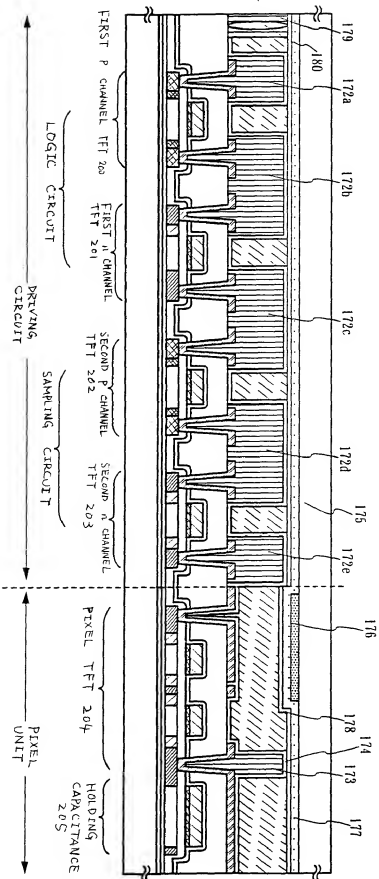
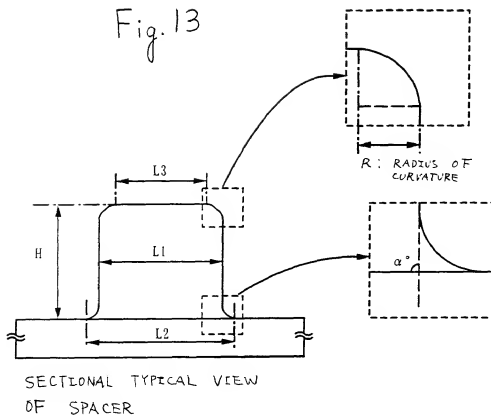


Fig. 12



00540217-070500

Fig. 13



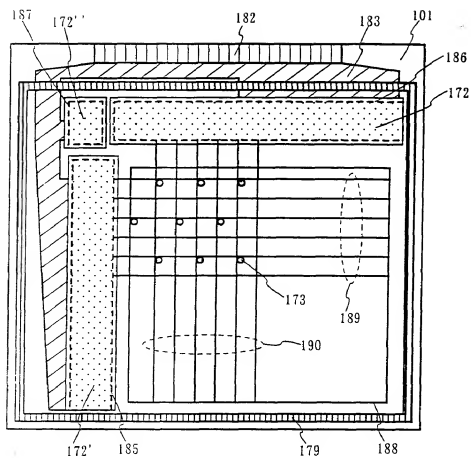


Fig. 14

005020-2701960

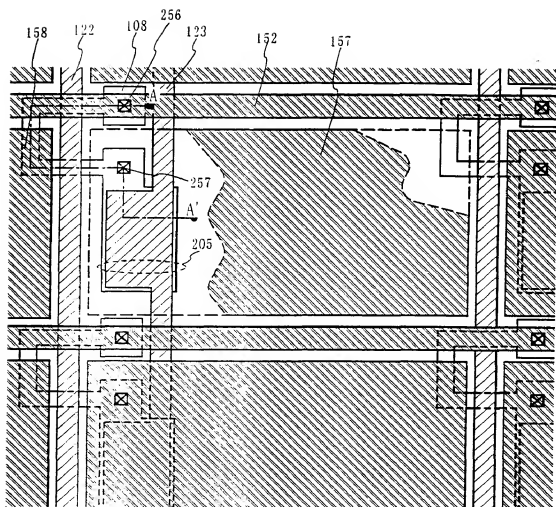


Fig.16

005020 21201900

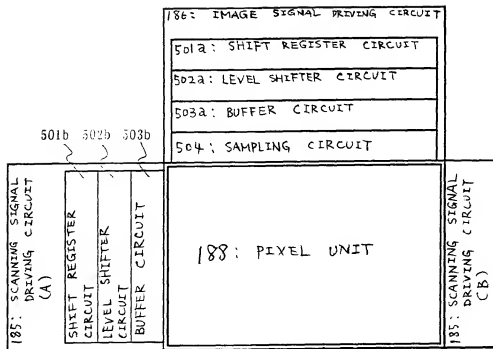


Fig. 17

Fig. 18

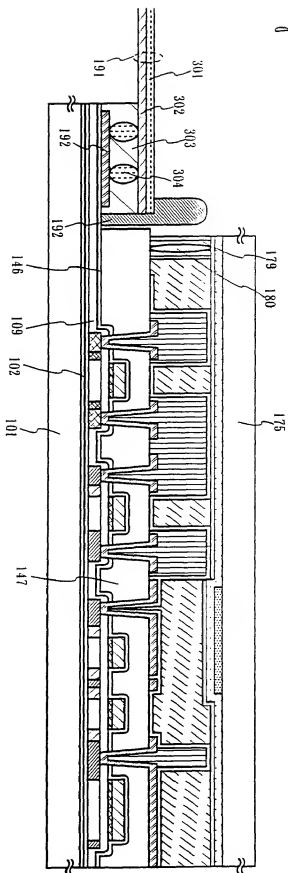
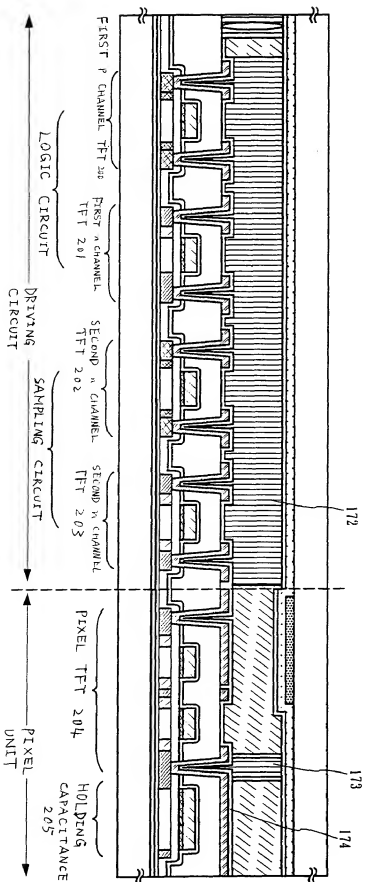
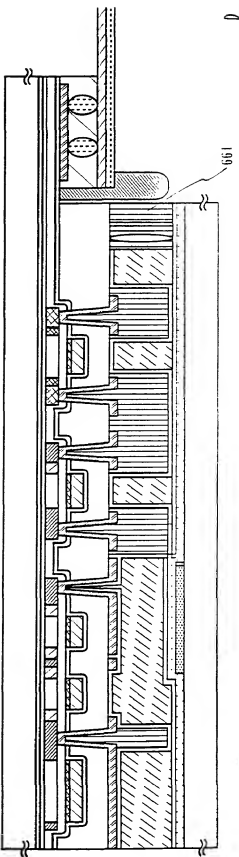


Fig. 19



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Fig. 20



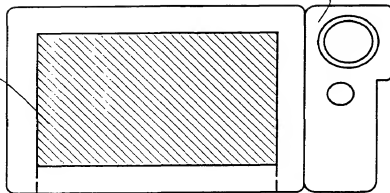
09610217 070500

DISPLAY DEVICE 2205
TOUCH PANEL 3002
LCD PANEL 3003
LED BACK-LIGHT 3004

Fig. 21(A)

2202

APPEARANCE VIEW



SECTIONAL VIEW

LIGHT EMITTING ELEMENT 3100

LIGHT PATH a

LIGHT PATH b

3200 LIGHT RECEIVING DEVICE 3200

TOUCH PANEL 3002

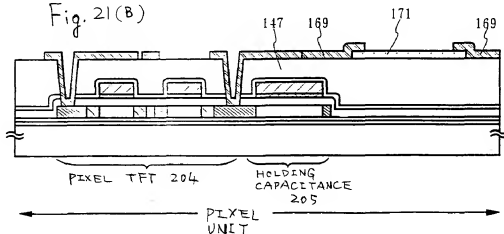
LIQUID CRYSTAL DISPLAY DEVICE 3003

LED BACK-LIGHT 3004

COLUMNAR SPACER 3005

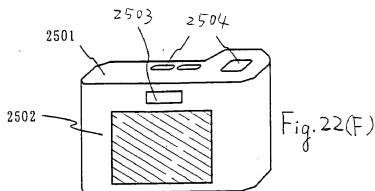
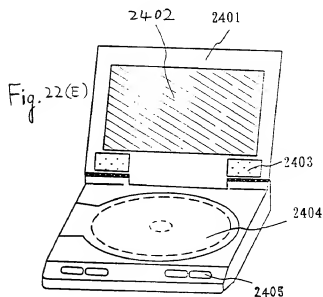
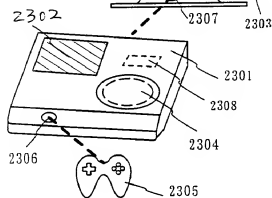
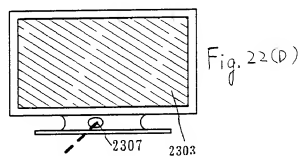
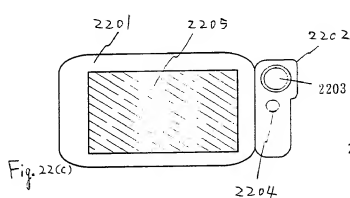
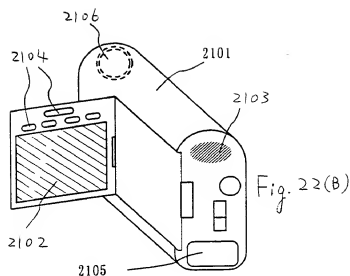
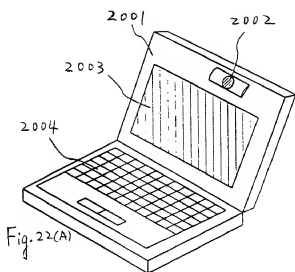
APPEARANCE VIEW AND SECTIONAL VIEW OF PORTABLE INFORMATION TERMINAL (OPTICAL TOUCH PANEL)

Fig. 21(B)



SECTIONAL VIEW OF PIXEL UNIT

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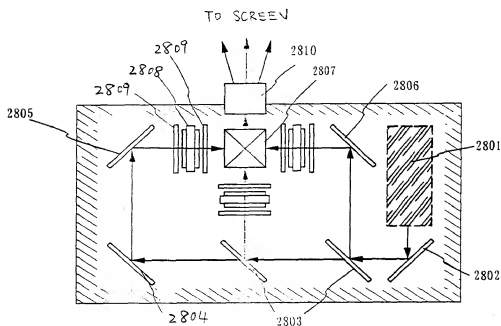
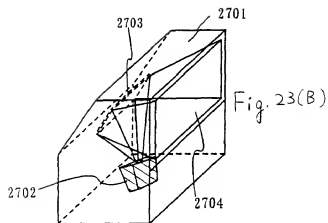
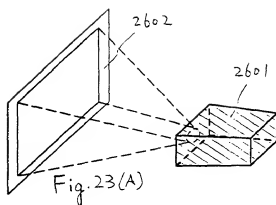


Fig. 23(C) LIGHT SOURCE OPTICAL SYSTEM AND DISPLAY DEVICE (THREE PLATE TYPE)

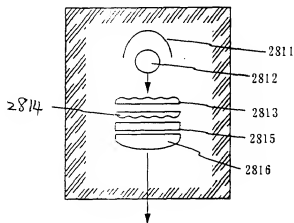


Fig. 23(D)
LIGHT SOURCE
OPTICAL SYSTEM